

Workshop Reflective Practice; Reflection and Learning

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Abstract

Industry master students work part-time in an engineering company. The Reflective Practice workshops are set-up to stimulate reflection about theory and practice. The workshop *Reflection and Learning* is the first workshop, where the questions are: What is reflection, How to reflect, and How can reflection help the learning process.

Distribution

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logo
TBD

Colophon

Merete Faanes from Buskerud University College created the educational flow *Reflective Practice* .
Reflective Practice is a thread throughout the entire master Systems Engineering to stimulate students to relate *Education* and *Practice* .

These workshops are the result of the cooperation of Merete Faanes and Gerrit Muller

Question 1:

How do you learn at school? Can you briefly describe the steps?

Use examples from SDOE 625 Fundamentals in Systems Engineering

Question 2:

How do you learn at work? Can you briefly describe the steps?

Use examples from your first weeks in the company.

Agenda

9:00 Welcome, introduction to Reflective Practice and Reflection

9:10 block 1: Reflection as Concept

10:20 block 2: How to Reflect?

11:30 block 3: Learning

12:40 plenary discussion

12:50 pre-assignment next workshop, close

Block 1: Reflection as Concept

Answer the following questions, and give an example for every question:

- + What is reflection?
- + When do you reflect?
- + What is the object or the scope of reflection?
- > use specific examples from work or school

Results on flipover

Block 2: How to Reflect

Answer the following questions, and give an example for every question:

+ What questions will help you to gain insight in the object of reflection?

+ What form or medium do you expect to use?

media examples: white board, paper, PC, sound, video, website

form examples: read, write, think, discuss, draw, thinking loud

> use specific examples from work or school

Results on flipover

Block 3: Learning

Answer the following questions, and give an example for every question:

+ How do you learn at work?

+ How do you learn at school?

+ What are the steps in learning?

> use specific examples from work or school

Results on flipover

Pre-assignment Next Workshop

Describe your job at your company:

Describe your own work tasks

What is your contribution?

Discuss this description with your company supervisor

Update the job description based on the supervisor feedback

Add one paragraph with observations or lessons learned from the discussion with your company supervisor

cc your company supervisor when submitting the pre-assignment